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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/660,964
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Filing Date	09/12/2003
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First Named Inventor	SHEPHERD
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Art Unit	3728
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Examiner Name \_\_\_\_\_

Attorney Docket Number	6834-1-3
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Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
WOP		US- 5,117,568	06/02/1992	MITSUI	
		US- 4,377,913	03/29/1983	STONE	
		US- 3,284,931	11/15/1966	DASSLER	
		US- 4,051,613	10/04/1977	COLLINS	
		US- 5,154,011	10/13/1992	HOLZL ET AL.	
		US- D433,212	11/07/2000	MORLE	
		US- 3,650,051	03/21/1972	SASS	
		US- 830,753	09/11/1906	VOSS	
		US- 4,372,060	02/08/1983	ADAMIK	
		US- 2,139,858	12/13/1938	SCHWARTZ ET AL.	
		US- 4,065,861	01/03/1978	PELFREY	
		US- 5,337,493	08/16/1994	HILL	
		US- 3,583,081	06/09/1971	HAYASHI	
		US- 4,972,609	11/27/1990	OH ET AL.	
		US- 4,769,928	09/13/1988	WARD	
		US- 4,624,015	11/25/1986	BOTTOMS	
		US- 4,495,715	01/29/1985	FREDRICKSON ET AL.	
		US- 3,949,493	04/13/1976	RHEE	
WOP		US- RE. 27,512	10/24/1972	ONITSUKA	

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner  
Signature

Date  
Considered

1/12/05

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of 2

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## FOREIGN PATENT DOCUMENTS

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